

## EAST Search History

| Ref # | Hits  | Search Query   | DBs  | Default Operator | Plurals | Time Stamp       |
|-------|-------|--|--|------------------|---------|------------------|
| S1    | 176   | (209/668,676).CCLS.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB                    | OR               | OFF     | 2007/12/12 16:09 |
| S2    | 1     | ("1659899").URPN.  | USPAT  | OR               | ON      | 2007/12/12 11:19 |
| S3    | 1     | ("1148165").URPN.  | USPAT  | OR               | ON      | 2007/12/12 16:06 |
| S4    | 1     | ("6053330" "6053330").PN.  | USPAT  | OR               | ON      | 2007/12/12 16:07 |
| S5    | 18985 | (grad\$3 bar separat\$3 screen grate) same ((adjust\$3 modify\$3 alter\$3 chang\$3) near2 (space gaug\$3 width))   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/12/12 16:36 |
| S6    | 520   | (209/667,674,675,668,676).CCLS.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB                    | OR               | OFF     | 2007/12/12 16:09 |
| S7    | 651   | (209/667,674,675,668,676,669,673).CCLS.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB                    | OR               | OFF     | 2007/12/12 19:17 |
| S8    | 20    | S5 and S7  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB                    | OR               | ON      | 2007/12/12 16:09 |
| S9    | 23    | ("1651622"   "1999574"   "2035587"   "3260364"   "4120363"   "4128282"   "4148398"   "4291808"   "4311242"   "4316543"   "4405050"   "4627541"   "4767010"   "5060806"   "5080219"   "5590793"   "5824356").PN. OR ("6053330").URPN.             | US-PGPUB;<br>USPAT;<br>USOCR   | OR               | ON      | 2007/12/12 16:10 |
| S10   | 32    | ("1173737"   "1200241"   "2640371"   "2843330"   "3265206"   "3396843"   "3848741"   "4037723"   "4266676"   "4301930"   "4452694"   "4627541"   "4658964"   "4901864").PN. OR ("5060806").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR   | OR               | ON      | 2007/12/12 16:11 |
| S11   | 10    | ("3721345"   "4148398"   "4253574"   "5060806"   "5480034").PN. OR ("5740922").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR   | OR               | ON      | 2007/12/12 16:12 |
| S12   | 11    | ("3367494"   "3519129").PN. OR ("4148398").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR   | OR               | ON      | 2007/12/12 16:14 |
| S13   | 1     | ("3396843").URPN.  | USPAT  | OR               | ON      | 2007/12/12 16:18 |
| S14   | 40    | ("0282719"   "0483225"   "1325505"   "1484025"   "1711740"   "2365822"   "2370539"   "2786574"   "3108691"   "3367494"   "3770123"   "3848741"   "4148398"   "4209097"   "4291808"   "4311242").PN. OR ("4405050").URPN.                         | US-PGPUB;<br>USPAT;<br>USOCR   | OR               | ON      | 2007/12/12 16:21 |
| S15   | 11    | ("2743813"   "2852136"   "4128282"   "4291808"   "4405050"   "4627541").PN. OR ("5449072").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR   | OR               | ON      | 2007/12/12 16:23 |
| S16   | 31    | ("0282719"   "1325505"   "1647816"   "2335164"   "2365822"   "2425478"   "2527019"   "2674453"   "2853793"   "3367494"   "3640138"   "4405050"   "4566345"   "4627541"   "4635492"   "4651581"   "4793197"   "Re21376").PN. OR ("5012688").URPN. | US-PGPUB;<br>USPAT;<br>USOCR   | OR               | ON      | 2007/12/12 16:27 |
| S17   | 2     | ("2527019").URPN.  | USPAT  | OR               | ON      | 2007/12/12 16:28 |

## EAST Search History

|     |       |   |  |    |     |                  |
|-----|-------|---|--|----|-----|------------------|
| S18 | 2     | ("RE21376").URPN.   | USPAT  | OR | ON  | 2007/12/12 16:29 |
| S19 | 21    | ("2702628"   "2792113"   "2989180"   "3108691").PN. OR ("3770123").URPN.  | US-PGPUB;<br>USPAT;<br>USOCR   | OR | ON  | 2007/12/12 16:31 |
| S20 | 3     | ("282719").URPN.  | USPAT  | OR | ON  | 2007/12/12 16:36 |
| S21 | 74348 | (grad\$3 bar separat\$3 screen roller disc grate) same ((adjust\$3 modify\$3 alter\$3 chang\$3) near2 (space gaug\$3 siz\$3 passage width))   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/12/12 16:37 |
| S22 | 89572 | (grad\$3 bar separat\$3 screen roller disc grate) same ((adjust\$3 modify\$3 alter\$3 chang\$3) near2 (spac\$3 gaug\$3 siz\$3 passage width)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/12/12 19:15 |
| S23 | 1     | ("1711740").URPN.   | USPAT  | OR | ON  | 2007/12/12 16:39 |
| S24 | 77    | S7 and S22  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/12/12 16:41 |
| S25 | 1197  | S22 and "209"/\$.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/12/12 19:03 |
| S26 | 10112 | (grad\$3 bar grizzly grate) same ((adjust\$3 modify\$3 alter\$3 chang\$3) near2 (comb teeth spac\$3 gaug\$3 passage))                         | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/12/12 19:15 |
| S27 | 919   | (209/667,674,675,668,676,669,673,394).CCLS.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB                    | OR | OFF | 2007/12/12 19:21 |
| S28 | 21    | S26 and S27   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB                    | OR | ON  | 2007/12/12 19:17 |
| S29 | 14    | ("0969603"   "2831270"   "2974795"   "3106523"   "3191774"   "3971716"   "4956078"   "5117983"   "5398819").PN. OR ("6336560").URPN.          | US-PGPUB;<br>USPAT;<br>USOCR   | OR | ON  | 2007/12/12 19:18 |
| S30 | 300   | (209/394).CCLS.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB                    | OR | OFF | 2007/12/12 19:21 |
| S31 | 2     | ("1289778").URPN.   | USPAT  | OR | ON  | 2007/12/12 19:34 |
| S32 | 1     | ("784135").URPN.  | USPAT  | OR | ON  | 2007/12/12 19:39 |

## EAST Search History

|     |   |                  |          |    |    |                  |
|-----|---|------------------|----------|----|----|------------------|
| S33 | 1 | ("742158").URPN. | USPAT    | OR | ON | 2007/12/12 20:05 |
| S34 | 4 | "570552".ap.     | USPAT    | OR | ON | 2007/12/12 20:06 |
| S35 | 1 | "570552".ap.     | US-PGPUB | OR | ON | 2007/12/12 20:06 |